

Title (en)

Arrangement for cooling of an electrical machine

Title (de)

Anordnung zur Kühlung einer elektrischen Maschine

Title (fr)

Agencement pour le refroidissement d'une machine électrique

Publication

EP 2182612 A1 20100505 (EN)

Application

EP 08018802 A 20081028

Priority

EP 08018802 A 20081028

Abstract (en)

The invention relates to an arrangement for cooling of an electrical machine, where the electrical machine shows elements (LP) generating heat while the electrical machine is at work. The elements (LP) show at least one fixing-arrangement (FA) to support an element-structure. The fixing-arrangement (FA) is hollow to carry a cooling fluid (CF) which allows a transfer of the heat away from the elements (LP).

IPC 8 full level

H02K 1/20 (2006.01); **H02K 9/22** (2006.01)

CPC (source: EP US)

H02K 9/197 (2013.01 - EP US); **H02K 9/227** (2021.01 - EP US); **H02K 1/20** (2013.01 - EP US); **H02K 7/1838** (2013.01 - EP US); **H02K 2213/12** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US)

Citation (search report)

- [X] US 3414749 A 19681203 - KARL ABEGG
- [X] US 5196749 A 19930323 - PALMA RODOLFO [US], et al
- [X] JP H0993869 A 19970404 - MITSUBISHI ELECTRIC CORP
- [X] DE 102004046473 A1 20060406 - SEW EURODRIVE GMBH & CO [DE]
- [X] EP 1641101 A1 20060329 - GEN ELECTRIC [US]

Cited by

EP2736154A1; EP2533404A1; DE102017206873A1; EP4106150A1; US10886797B2; US9698653B2; US11764625B2; WO2020094884A1; WO2022263070A1; EP2320540A1; EP2320080A1; EP2378631A1

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